GATE Psychology Syllabus 2025 Free PDF Download

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GATE Psychology Syllabus 2025 - IIT Roorkee has released the GATE 2025 Psychology syllabus online at gate2025.iitr.ac.in. Candidates can download the GATE Psychology syllabus 2025 pdf on this page. The GATE 2025 syllabus comprises the topics candidates must prepare for the GATE exam. Candidates must prepare all the topics mentioned in the GATE Psychology syllabus 2025. The authority will prepare the GATE question paper as per the GATE 2025 Psychology syllabus. Candidates can check the topics-wise GATE Psychology syllabus on this page.

Direct link to download the GATE 2025 Psychology syllabus PDF

Along with the syllabus, candidates must check the GATE 2025 exam pattern. The GATE Psychology exam pattern is updated on this page. Knowledge of the GATE Psychology syllabus will help in planning for the exam effectively. The authority will conduct the GATE 2025 exam on February 1, 2, 15 and 16, 2025.

GATE Psychology Syllabus 2025

Indian Institute of Technology, Roorkee has published the GATE Psychology syllabus 2025 PDF on the official website gate2025.iitr.ac.in. The GATE Psychology syllabus 2025 PDF download has 9 chapters. The Psychology paper (XH-C5) will have two compulsory sections- General Aptitude and the Reasoning and Comprehension section. Candidates can check the topic-wise GATE 2025 Psychology syllabus below.

Related links:

Also Read:

GATE Agricultural Engineering (AG) Syllabus 2025	GATE Architecture and Planning Syllabus 2025

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GATE 2025 General Aptitude Syllabus for Psychology

Chapter	Topics
GATE GA Syllabus for Verbal Aptitude	• Basic English grammar: tenses, articles, adjectives, prepositions, conjunctions, verb-noun agreement, and other parts of speech • Basic vocabulary: words, idioms, and phrases in context, reading and comprehension, Narrative sequencing.
GATE GA Syllabus for Quantitative Aptitude	• Data interpretation: data graphs (bar graphs, pie charts, and other graphs representing data), 2- and 3-dimensional plots, maps, and tables • Numerical computation and estimation: ratios, percentages, powers, exponents and logarithms, permutations and combinations, and series Mensuration and geometry Elementary statistics and probability.
GATE GA Syllabus for Analytical Aptitude	• Logic: deduction and induction, Analogy, Numerical relations and reasoning
GATE GA Syllabus for Spatial Aptitude	• Transformation of shapes: translation, rotation, scaling, mirroring, assembling, and grouping paper folding, cutting, and patterns in 2 and 3 dimensions.

Also Read:

GATE Agricultural Engineering (AG) Syllabus 2025	GATE Architecture and Planning Syllabus 2025

GATE Psychology Syllabus 2025 Chapter Wise

Chapters	Topics
GATE Psychology syllabus for Research Methods and Statistics	Approaches to Research: Philosophical worldviews & criteria involved in approach. Research design: quantitative & qualitative, mixed methods. Designing Research: Research problems, purpose statement, Variables and Operational Definitions, Hypothesis, Sampling. Nature of Quantitative & Qualitative Research: Structured, semi-structured interviewing, self-completion questionnaires (Survey), observation, Experimental, Quasi-experimental, Field studies, Focus group discussions, Narratives, Case studies, Ethnography. Ethics in conducting and reporting research. Statistics in Psychology: Measures of Central Tendency and Dispersion. Normal Probability Curve. Parametric and Non-parametric tests Effect size and Power analysis. Correlational Analysis: Correlation [Product Moment, Rank Order], Partial correlation, multiple correlation. Special Correlation Methods: Biserial, Point biserial, tetrachoric, phi coefficient. Regression: Simple linear regression, Multiple regression. Factor analysis: Assumptions, Methods, Rotation and Interpretation. Experimental Designs: ANOVA [One-way, Factorial], Randomized Block Designs, Repeated Measures Design, Latin Square, Cohort studies, Time series, MANOVA, ANCOVA. Single-subject designs.

GATE Psychology syllabus for Psychometrics	Foundations of Psychological measurement; Basic components: scales and items' Construction and analysis of items: Intelligence test items, performance tests, Ability & Aptitude test, Personality questionnaires. Method of test construction, Standardization of measures: Reliability, Validity, Norms, Application of assessment and measurements in Tests— Applications of psychological testing in various education, counselling and guidance, clinical, organizational and developmental.
GATE Psychology syllabus for Biological and Evolutionary Basis of Behaviour	Heredity and behaviour Evolution and natural selection, Nervous system, structures of the brain and their functions, Neurons: Structure, functions, types, neural impulse, synaptic transmission. Neurotransmitters. Hemispheric lateralization, The endocrine system types and functions, Biological basis of Motivation: Hunger, Thirst, Sleep and Sex. Biological basis of emotion: The Limbic system, Hormonal regulation of behaviour. Methods of Physiological Psychology: Invasive methods – Anatomical methods, degeneration techniques, lesion techniques, chemical methods, microelectrode studies, Noninvasive methods – EEG, Scanning methods, Muscular and Glandular system: Genetics and behaviour: Chromosomal anomalies; Nature-Nurture controversy [Twin studies and adoption studies]

GATE Psychology syllabus for Perception, Learning, Memory and Forgetting	What is sensation, sensory thresholds and sensory adaptations, Vision, hearing, touch and pain, smell and taste, kinesthesis and vestibular sense, Perception: role of attention; organizing principles of perception, gestalt perception, depth perception and illusions, Theories of learning: classical conditioning, operant conditioning, social learning theory, cognitive learning, Memory: encoding, storage, retrieval, Information processing theories of memory, Retrieval in Long term memory, reconstructive nature of long-term memory, Forgetting: encoding failure, interference theory, memory trace decay theory, the physical aspects of memory.
GATE Psychology syllabus for Cognition	Thinking, Intelligence and Language: Basic elements of thought: Concepts, Propositions, Imagery. Current paradigms of cognitive psychology – Information processing approach, ecological approach, Problem solving: Methods of problem solving, Strategies and obstacles, Role of Metacognitive processing, decision-making: choosing among alternatives, Intelligence: Theories of intelligence (Spearman; Thurstone; Jensen; Cattell; Gardner; Stenberg) and Emotional Intelligence; Measuring intelligence, Individual differences in Intelligence; Role of heredity and environment, Difference between Intelligence, Aptitude and Creativity.
GATE Psychology syllabus for Personality	Theories of personality, Psychoanalytic, behaviourist, social cognitive view, humanism and trait and type theories, Biology of personality and Assessment of personality.

GATE Psychology syllabus for Motivation, Emotion and Stress and Coping	Approaches to understanding motivation: instinct, drive-reduction, arousal, incentive, humanistic, Achievement motivation, Intrinsic motivation, aggression, curiosity and exploration, Emotions: nature of emotions; biological basis of emotions, Theories of emotions: James-Lange, Canon-Bard, Schachter and Singer, Lazarus, Definition of stress; what are stressors; cognitive factors in stress, Factors in stress reaction: General adaptation syndrome; effect of stress, Coping with stress: problem-focused coping; emotion-focused coping, REBT and meditation
GATE Psychology syllabus for Social Psychology	Social perception: Attribution; impression formation; social categorization, implicit personality theory, Social influence: conformity, compliance and obedience, Attitudes, beliefs and values: Evaluating the social world, attitude formation, attitude change and persuasion, cognitive dissonance, Prejudice, discrimination, Aggression, power and prosocial behaviour, Belief systems and value patterns. Group dynamics, leadership style and effectiveness, Theories of intergroup relations and conflicts.
GATE Psychology syllabus for Development Across the Life Span	Nature versus nurture in human development, Prenatal development: Chromosomes, Genes and DNA. Physical, cognitive and psychosocial development in infancy, childhood, adolescence and adulthood, Theories of aging, Moral development.

GATE Psychology syllabus for Applications of Psychology	Psychological disorders: Conceptions of mental disorders; Assessment and diagnosis, DSM and Other tools, PTSD and Trauma; Psychotherapies: Psychodynamic, Phenomenological/Experiential therapy; Behaviour therapy; cognitive therapy; biological therapy, Applications of theories of motivation and learning in School: Factors in educational achievement; counselling & guidance in schools, Application of theories of motivation, learning, emotions, perceptions, group dynamics & leadership to organizational setup, Issues of Personal space, crowding, and territoriality.

GATE 2025 Psychology Exam pattern

The authority has released the GATE Psychology exam pattern on the official website. Candidates can check the exam pattern of GATE 2025 for Psychology below.

GATE Psychology Exam Pattern

Particulars	Details
Examination Mode	Computer Based Test (Online)
Duration	3 Hours
Section	• General Aptitude (GA) • Reasoning and Comprehension (XH-B1) • Psychology (XH-C5)
Type of Questions	• Multiple Choice Questions (MCQs) • Multiple Select Questions (MSQs) • Numerical Answer Type (NAT) Questions
Total Marks	100 Marks
Marking Scheme	All of the questions will be worth 1 or 2 marks

GATE Negative Marking	• MCQs - 1 mark for each correct answer; 1/3 mark will be deducted for every wrong answer. • MCQs - 2 marks for each correct answer; 2/3 marks will be deducted for every incorrect response. • No negative marking for MSQ & NAT. • No partial marking for MSQ type questions.

Frequently Asked Question (FAQs) - GATE Psychology Syllabus 2025 Free PDF Download

Question: When should I start preparing for GATE 2025?

Answer:

Candidates must begin their GATE preparation as soon as possible. GATE exam aspirants must refer to the GATE syllabus 2025 before beginning their preparations.

Question: Which IIT will take GATE 2025?

Answer:

IIT Roorkee is conducting the GATE 2025 exam in online mode.

Question: How to prepare for GATE Psychology 2024?

Answer:

Candidates can start their GATE preparation for Psychology by understanding the syllabus and exam pattern. After which they must attempt the GATE mock test online.